

# EAST Search History

|     |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                              |    |    |                  |
|-----|-----|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|----|----|------------------|
| S17 | 221 | ("0222388"   "0843394"  <br>"1446274"   "1617114"   "1700319"<br>  "20010017446"   "20010040347"  <br>"20020140179"   "2679241"  <br>"2679468"   "3053544"   "3240501"<br>  "3352564"   "3756279"  <br>"3762028"   "3794333"   "4203608"<br>  "4272085"   "4369980"  <br>"4451051"   "4468044"   "4471968"<br>  "4474147"   "4480844"  <br>"4485138"   "4516784"   "4518168"<br>  "4548165"   "4597583"  <br>"4635948"   "4635949"   "4662643"<br>  "4688809"   "4711456"  <br>"4721315"   "4728110"   "4739999"<br>  "4750749"   "4759556"  <br>"4765634"   "4767124"   "4776601"<br>  "4799695"   "4803965"  <br>"4807892"   "4834399"   "4836158"<br>  "4861046"   "4867462"  <br>"4873415"   "4898396"   "4915398"<br>  "4917062"   "4938488"  <br>"4948153"   "4968045"   "4971338"<br>  "4976445"   "4995624"  <br>"4998741"   "5022661"   "5062649"<br>  "5076595"   "5112066"  <br>"5149110"   "5150910"   "5172920"<br>  "5199723"   "5208725"  <br>"5232229"   "5255926"   "5269541"<br>  "5277434"   "5344165"  <br>"5354074"   "5382029"   "5385354"<br>  "5393076"   "5395128"  <br>"5427389"   "5431418"   "5449181"<br>  "5490681"   "5509993"  <br>"5522604"   "5536024"   "5560623"<br>  "5570892"   "5601292"  <br>"5609345"   "5634646"   "5639101"<br>  "5695203"   "5711537"  <br>"5842702"   "5879011"   "5879012"<br>  "5895054"   "5906376"  <br>"5924700"   "5944095"   "5951021"<br>  "5957463"   "5988651"  <br>"6036195"   "6048628"   "6089572"<br>  "6139025"   "6250644"  <br>"6250645"   "6258457"   "6406032"<br>  "6422573"   "6499743"  <br>"6550782").PN. OR<br>("2003/0015845"   "2003/0062691"<br>  "2004/0041352"   "2004/0160017"<br>  "2004/0183260"   "2005/0093249"<br>  "2005/0134005"   "2005/0151327"<br>  "2005/0173868"   "2005/0206091"<br>  "2005/0269790"   "4203608"  <br>"5169163"   "5221097"   "5269541"<br>  "5427389"   "5536024"  <br>"5570892"   "5582415"   "5961126"<br>  "5988651"   "6036195"<br>"6089572"   "6186513"   "6250644"<br>  "6250645"   "6570676" | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2006/07/22 17:52 |
|-----|-----|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|----|----|------------------|

## EAST Search History

|     |      |                                                                                                                                                          |                                           |    |     |                  |
|-----|------|----------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|----|-----|------------------|
| S11 | 1539 | S9 and (oscillat\$3 or wave or meander)                                                                                                                  | US-PGPUB;<br>USPAT;<br>USOCR              | OR | ON  | 2006/07/22 17:52 |
| S5  | 850  | (277/593-595).CCLS.                                                                                                                                      | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | OFF | 2006/07/22 17:52 |
| L1  | 881  | (277/593-595).CCLS.                                                                                                                                      | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | OFF | 2006/07/22 17:52 |
| S19 | 752  | (Hatamura-Koichi Suzuki-Takashi Ogino-Hiroyuki Sugiura-Takahiko Okudaira-Yasuyuki Wakuda-Takeshi Mahigashi-Reiji Umehara-Keisuke Kumashiro-Masahisa).in. | US-PGPUB;<br>USPAT;<br>USOCR              | OR | ON  | 2006/07/22 17:53 |
| L2  | 806  | (Hatamura-Koichi Suzuki-Takashi Ogino-Hiroyuki Sugiura-Takahiko Okudaira-Yasuyuki Wakuda-Takeshi Mahigashi-Reiji Umehara-Keisuke Kumashiro-Masahisa).in. | US-PGPUB;<br>USPAT;<br>USOCR              | OR | ON  | 2006/07/22 17:53 |
| S43 | 30   | S42 and combustion                                                                                                                                       | US-PGPUB;<br>USPAT;<br>USOCR              | OR | ON  | 2006/07/22 17:54 |
| S40 | 489  | (277/593-595).CCLS.                                                                                                                                      | US-PGPUB;<br>USPAT;<br>USOCR              | OR | OFF | 2006/07/22 17:54 |